

IR spectral investigation of the structures of the products of the reaction of tertiary arsine oxides with alkyl halides

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Abstract

1. The IR spectra of adducts of the $[R_3AsO]_2HHal$ composition were studied. 2. The broad absorption at 750-1800 cm^{-1} , which is separated into approximately three bands, was assigned to the absorption of the OH group, which participates in a strong symmetrical hydrogen bond. The structures of the adducts were established. © 1972 Consultants Bureau.

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